

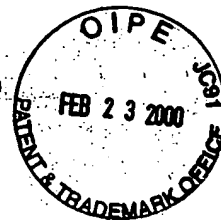


Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/447,504	11/23/99	ZAGER	R M3316-991200

WILLIAM G GOLDMAN  
GRAY CARY WARE & FREIDENRICH LLP  
ATTN PATENT DEPARTMENT HV  
400 HAMILTON AVENUE  
PALO ALTO CA 94301-1825



NOT ASSIGNED

3746

DATE MAILED:

12/20/99

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the **SURCHARGE** set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

*If all required items on this form are filed within the period set above, the total amount owed by applicant as a*

☐ small entity (statement filed) ☒ non-small entity is \$ 290.00

☒ 1. The statutory basic filing fee is:

- ☒ missing.  
☐ insufficient.

Applicant must submit \$ 760.00 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. The following additional claims fees are due:

\$ \_\_\_\_\_ for \_\_\_\_\_ total claims over 20.

\$ \_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.

\$ \_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☒ is missing or unsigned.  
☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

SECTOR #

M3316-991200



**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as FIRST CLASS MAIL in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on February 17, 2000.

*Cynthia Reese*  
Cynthia Reese

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Raymond A. ZAGARS and Robert F. MCLOUGHLIN

Serial No.: 09/447,504

Group Art Unit: 3746

Filed: November 23, 1999

Examiner: Unknown

Title: PUMP CONTROLLER FOR PRECISION PUMPING APPARATUS

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**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF UTILITY APPLICATION**

Box MISSING PARTS  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the "Notice to File Missing Parts of Provisional Application" mailed by the United States Patent and Trademark Office on December 20, 1999. The following documents are enclosed to complete the filing of the above-referenced patent application:

1. Declaration and Power of Attorney (executed) (3 pgs.);
2. Copy of form PTO-1533 (1 pg.);
3. Request to Correct Filing Receipt w/copy of corrected Filing Receipt (2 pgs.);
4. Notice of Change of Address (1 pg.);
5. Filing Fee Check in the amount of \$820.00;
6. Certificate of Mailing via First Class Mail dated February 17, 2000; and
7. Acknowledgement Postcard.

The filing fee is calculated as follows:

(1) For	(2) Number filed	(3) Number extra	(4) Large Entity Rate	(5) Small Entity Rate	(6) Calculations
Basic Filing Fee			\$690.00	\$345.00	\$ 690.00
Total Claims	13 - 20	-0-	x \$18.00	\$ 9.00	\$ -0-
Independent Claims	3 - 3	-0-	x \$78.00	\$ 39.00	\$ -0-
Multiple Dependent Claim(s) (if applicable)			\$260.00	\$130.00	\$ -0-
Missing Parts Surcharge			\$130.00	\$ 65.00	\$ 130.00
Total of above Calculations =					\$ 820.00

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1896.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-referenced patent application. Please telephone the undersigned at (650)320-7484, if there are any questions.

Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP

Dated: Feb. 17, 2000

By William G. Goldman  
 William G. Goldman  
 Reg. No. 42,590  
 Attorney for Applicant

GRAY CARY WARE & FREIDENRICH  
 3340 Hillview Avenue  
 Palo Alto, CA 94304-1203  
 Telephone: (650) 320-7484

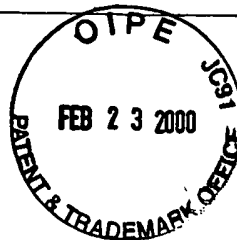
FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/447,504	11/23/99	3746	\$0.00	M3316-991200	5	13	3

WILLIAM G GOLDMAN  
GRAY CARY WARE & FREIDENRICH LLP  
ATTN PATENT DEPARTMENT HV  
400 HAMILTON AVENUE  
PALO ALTO CA 94301-1825



Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) RAYMOND A. ZAGER, MILFORD, MA; ROBERT F. MCLOUGHLIN,  
PELHAM, NH.

ZAGARS

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 12/20/99  
TITLE  
PUMP CONTROLLER FOR PRECISION PUMPING APPARATUS

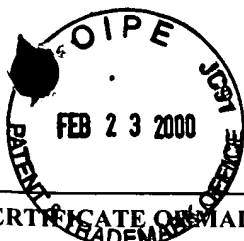
PRELIMINARY CLASS: 417

DATA ENTRY BY: BRITTON, PAULA

TEAM: 03 DATE: 12/20/99

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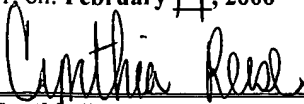
(See reverse for new important information)



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CERTIFICATE OF MAILING VIA FIRST CLASS MAIL

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Cynthia Reese

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Raymond A. ZAGARS, Robert F. MCLOUGHLIN

Serial No: 09/447,504

Group Art Unit: 3746

Filed: November 23, 1999

Examiner: not assigned

Title: PUMP CONTROL FOR PRECISION PUMPING APPARATUS

REQUEST TO CORRECT FILING RECEIPT

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

Attorney for Applicant hereby requests a correction of an element of the Filing Receipt in the above referenced U.S. Patent Application, to wit the name of the inventor. The current Filing Receipt lists the inventor as Raymond A. ZAGER. The correct spelling is ZAGARS. Attorney for Applicant respectfully requests that this error be corrected, and that a corrected Filing Receipt is attached hereto for reference.

Respectfully submitted,

Dated: February 17, 2000



William G. Goldman  
Reg. No. 42,590  
Attorney for Applicant

GRAY CARY WARE & FREIDENRICH LLP  
3340 Hillview Avenue  
Palo Alto, CA 94304-1203  
Telephone: (650) 320-7400